Policy Area: Information Security Program Charter	<b>Title:</b> Information Technology Security Program Charter for the North Carolina State Chief Information Officer (State CIO) and the Office of Information Technology Services (ITS)
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In North Carolina state government, state laws set out the information technology security requirements and form the Information Security Charter. The matrix below lists those statutes, which define the roles and responsibilities for information technology security, and the compliance procedures that fulfill the legislative mandate.

Section	Statement	Compliance Procedures
147-33.76(b)(1)	The State CIO shall be responsible for developing and	The ITS Information Security Office
	administering a comprehensive long-range plan to ensure	(ISO), which reports to the State
	the proper management of the State's information	CIO, initiates proposed security
	technology resources. The State CIO shall set technical	policies and standards and reviews
	standards for information technology establish	those recommended by others.
	information technology security standardsThe State CIO is authorized to adopt rules to implement this article	Policies and standards are based on
	is authorized to ddopt rules to implement this driftle	best practices and industry standards
		including ISO 17799, which has been
		made available to all executive
		branch agencies.
147-33.110	The State Chief Information Officer shall establish a	
	statewide set of standards for information technology	After review by the ISO, draft
	security to maximize the functionality, security, and	security policies and standards are
	interoperability of the State's distributed information	reviewed by the Policy and
	technology assets, including communications and encryption	Legislative Section in the State
	technologies.	CIO's Office and the Technology Planning Group, which consists of
		CIOs from several agencies.
		Cros from several agencies.
		The policies and standards also are
		circulated to the agencies for review
		and comment, including input from
		the agency security liaisons.
		If approved by the State CIO,
		policies and standards are published
		on the State CIO's web page. The
		page also contains the Statewide
		Information Security Manual and
		other materials, including a
		glossary.
		The ISO operates the Security Portal
		that provides information technology
		security alerts and notices to
		agencies.
		Agency procedures and practices are

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		the means through which the statewide standards and policies are implemented.
147-33.110	The State CIO shall review and revise the security standards annually. As part of this function, the State Chief Information Officer shall review periodically existing security standards and practices in place among the various State agencies to determine whether those standards and practices meet statewide security and encryption requirements	Statewide security standards are reviewed at least annually and updated as necessary.  The ISO also reviews security standards and practices for other agencies
		Security standards compliance assessments are conducted and used to evaluate the effectiveness of security standards.
147-33.110	The State Chief Information Officer may assume the direct responsibility of providing for the information technology security of any State agency that fails to adhere to security standards adopted under this Article.	Based upon a review of all available information, including standards, trust levels and incidents, the State CIO recommends improvements to agency information security programs. The State CIO may assume direct responsibility for information technology security where agencies fail to adhere to adopted security standards.
147-33.110	Any actions taken by the State Chief Information Officer under this section shall be reported to the Information Technology Advisory Board at its next scheduled meeting.	The State CIO regularly reports on new security policies, standards, and actions to the Information Technology Advisory Board, which meets at least quarterly.
120-230	There is established the Joint Legislative Oversight Committee on Information Technology The Committee shall examine, on a continuing basis, system wide issues affecting State government information technology	The security policies and standards may be reported to the Joint Legislative Oversight Committee
147-33.112	The State Chief Information Officer shall assess the ability of each agency to comply with the current security enterprisewide set of standards established pursuant to this section. The assessment shall include, at a minimum, the rate of compliance with the standards in each agency and an assessment of each agency's security organization, network security architecture, and current expenditures for information technology security. The assessment shall also estimate the cost to implement the security measures needed for agencies to fully comply with the standards. Each agency subject to the standards shall submit information required by the State Chief Information Officer for purposes of this assessment. The State Chief Information Officer shall include the information obtained from the assessment in the State Information Technology Plan required under G.S. 147-33.72B.	The State CIO:     Provides an assessment tool     Co-ordinates the assessments     Prepares metrics and reports     Includes the information in the biennial State Information Technology Plan.
147-33.113	<ul> <li>(a) The head of each State agency shall cooperate with the State Chief Information Officer in the discharge of his or her duties by:</li> <li>(1) Providing the full details of the agency's information</li> </ul>	Agencies: • Report information technology security incidents to the ISO within 24 hours.

Section	Statement	Compliance Procedures
G.S. 147-33.89	_Business continuity planning.	State agencies develop and update
	(a) Each State agency shall develop and continually	information technology business
	review and update as necessary a business and disaster	continuity plans.
	recovery plan with respect to information technology. Each	
	agency shall establish a disaster recovery planning team to	Agencies submit disaster recovery
	develop the disaster recovery plan and to administer	plans to the State CIO annually and
	implementation of the plan. In developing the plan, the disaster recovery planning team shall do all of the following:	comply with state policies, standards, and procedures for business
	(1) Consider the organizational, managerial, and	continuity planning.
	technical environments in which the disaster	continuity planning.
	recovery plan must be implemented.	The State CIO, through the Strategic
	(2) Assess the types and likely parameters of	Initiatives Office, reviews the plans
	disasters most likely to occur and the resultant	and reports the review to the
	impacts on the agency's ability to perform its	individual agencies.
	mission.	
	(3) List protective measures to be implemented in	The ISO maintains the statewide
	anticipation of a natural or man-made disaster.	cyber security incident response plan
	(b) Each State agency shall submit its disaster recovery plan on an annual basis to the State Chief Information	that supports recovery efforts in the event of an interruption of IT
	Officer."	services due to an a cyber attack.
	ojjieer.	services due to air a cyber attack.
		Agencies develop cyber incident
		plans for all critical business systems
		using the statewide standards,
		templates and guidelines.
147-33.72B	Planning and financing State information technology	Appropriate information about
	resources.	security assets, major security
	(a) In order to provide a systematic process for	projects and unmet security needs is
	meeting the State's technology needs, the State Chief Information Officer shall develop a biennial State	included in the State CIO's State Information Technology Plan.
	Information Technology Plan (Plan). The Plan shall be	information reclinology rian.
	transmitted to the General Assembly by February 1 of each	Agencies are expected to include
	regular session.	similar information in their IT plans.
	(b) The Plan shall include the following elements:	-
	(1) An inventory of current information	
	technology assets and major projects	
	currently in progress. As used in this	
	subdivision, the term 'major project'	
	includes projects subject to review and approval under G.S. 147-33.72C, or that	
	cost more than five hundred thousand	
	dollars (\$500,000) to implement.	
	(2) An evaluation and estimation of the	
	significant unmet needs for information	
	technology resources over a five-year time	
	period. The Plan shall rank the unmet	
	needs in priority order according to their	
	urgency.	
	(3) A statement of the financial requirements	
	posed by the significant unmet needs, together with a recommended funding	
	schedule for each major project currently	
	in progress or recommended for initiation	
	during the upcoming fiscal biennium.	

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	initiatives that would yield significant efficiencies or improve effectiveness in State programs.  (c) Each executive agency shall biennially develop an agency information technology plan that includes the information required under subsection (b) of this section. The Office of Information Technology Services shall consult with and assist agencies in the preparation of these plans. Each agency shall submit its plan to the State Chief Information Officer by October 1 of each even-numbered year.	
147-33.72C	Project approval standards.  (a) Project Review and Approval – The State Chief Information Officer shall:  (1) Review all State agency information technology projects that cost or are expected to cost more than five hundred thousand dollars (\$500,000), whether the project is undertaken in a single phase or component or in multiple phases or components. If the State Chief Information Officer determines a project meets the quality assurance requirements established under this Article, the State Chief Information Officer shall approve the project.  (2) Establish thresholds for determining which information technology projects costing or expected to cost five hundred thousand dollars (\$500,000) or less shall be subject to review and approval under subdivision (a)(1) of this section. When establishing the thresholds, the State Chief Information Officer shall consider factors such as project cost, potential project risk, agency size, and projected budget.  (b) Project Implementation – No State agency shall proceed with an information technology project that is subject to review and approval under subsection (a) of this section until the State CIO approves the project. If a project is not approved, the State CIO shall specify in writing to the agency the grounds for denying the approval. The State CIO shall provide this information to the agency within five business days of the denial.  (c) Suspension of Approval – The State Chief Information Officer may suspend the approval of any information technology project that does not continue to meet the applicable quality assurance standards. This authority extends to any information technology project that costs more than five hundred thousand dollars (\$500,000) to implement regardless of whether the project was originally subject to review and approval under subsection (a) of this section. If the State CIO suspends approval of a project, the State CIO shall specify in writing to the agency the grounds	The ISO participates in the project review process and reviews each project for information security requirements.  As part of the project management process the agency is asked to provide:  A security contact.  A security contact.  A summary of the function of the application and the community of users.  A classification of data for legal requirements, such as HIPAA, IRS rules, and state confidentiality statutes.  A risk assessment.  The security architecture.  The State Chief Information Security Officer (CISO) reviews and advises on the adequacy of the planned information security measures included in the project plan.  As the project moves through its various phases, the State CISO continues reviewing the project progress to make certain that appropriate security controls are in place and that the application design complies with the statewide information security standards.

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	for suspending the approval. The State CIO shall provide this information to the agency within five business days of the suspension.  The Office of Information Technology Services shall report any suspension immediately to the Office of the State Controller and the Office of State Budget and Management. The Office of State Budget and Management shall not allow any additional expenditure of funds for a project that is no longer approved by the State Chief Information Officer.  (d) General Quality Assurance- Information technology projects that are not subject to review and approval under subsection (a) of this section shall meet all other standards established under this Article.  (e) Performance Contracting. – All contracts between a State agency and a private party for information technology projects shall include provisions for vendor performance review and accountability. The State CIO may require that these contract provisions include monetary penalties for projects that are not completed within the specified time period or that involve costs in excess of those specified in the contract. The State CIO may require contract provisions requiring a vendor to provide a performance bond.	
147-33.72E	Project Management Standards (a) Agency Responsibilities. – Each agency shall provide for a project manager who meets the applicable quality assurance standards for each information technology project that is subject to approval under G.S. 143-33.72C(a). The project manager shall be subject to the review and approval of the State Chief Information Officer.  The agency project manager shall provide periodic reports to the project management assistant assigned to the project by the State CIO under subsection (b) of this section. The reports shall include information regarding project costs, issues related to hardware, software, or training, projected and actual completion dates, and any other information related to the implementation of the information technology project.  (b) State Chief Information Officer Responsibilities. – The State Chief Information Officer shall designate a project management assistant from the Office of Information Technology Services for projects that receive approval under G.S. 147-33.72C(a). The State Chief Information Officer may designate a project management assistant for any other information technology project.  The project management assistant shall advise the agency with the initial planning of a project, the content and design of any request for proposals, contract development, procurement, and architectural and other technical reviews. The project management assistant shall also monitor agency progress in the development and implementation of the project and shall provide status reports to the State Chief Information Officer, including recommendations regarding continued approval of the project.	The ISO staff works with the project manager assigned by the State CIO to address the security issues as they arise.

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Section 147-33.72G	Information Technology Board. (a) Creation; Membership. — The Information Technology Advisory Board is established and shall be located within the Office of Information Technology Services for organizational, budgetary, and administrative purposes. The Board shall consist of 12 members, four appointed by the President Pro Tempore of the Senate, and four appointed by the Speaker of the House of Representatives. All appointments shall be from among persons knowledgeable in the subject area and having experience with State government or information technology deployment within large organizations. Each member shall serve at the pleasure of the officer who appointed the member. The Governor shall designate a chair from among the membership.  (b) Conflicts of Interest Members of the Advisory Board shall not serve on the board of directors or other governing body of, be employed by, or receive any remuneration of any kind from any information systems, computer hardware, computer software, or telecommunications vendor of goods and services to the State of North Carolina. No member of the Advisory Board shall vote on an action affecting solely that person's State agency.  (c) Powers and Duties The Board shall:  (1) Review and comment on the State Information Technology Plan developed by the State Chief Information Officer under G.S. 147-33.72B(b).  (2) Review and comment on the information technology plans of the executive agencies prepared under G.S. 147-33.72B(c).  (3) Review and comment on the statewide technology initiatives developed by the State Chief Information Officer.  (d) Meetings The Information Technology Advisory Board shall adopt bylaws containing rules governing its meeting procedures. The Board shall meet at least quarterly. The Office of Information Technology Services as requested by the Board shall be paid from receipts available to the Office of Information Technology Services as requested by the Board Advisory Board members shall receive per diem, subsistence, and travel allowances as fol	Compliance Procedures  The State CISO and ISO staff provide reports to the ITAB on information security and privacy issues, as required by law.  The State CISO and ISO staff evaluate any comments made by the board on security initiatives.
G.S. 147-64.6(c)	The Auditor shall, after consultation and in coordination with the State Chief Information Officer, assess, confirm, and report on the security practices of information	ITS consults with the State Auditor and assists with the coordination of security audits performed by the

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	technology systems. If an agency has adopted standards	Auditor.
	pursuant to G.S. 147-33.111(a) or (2), the audit shall be in	
	accordance with those standards. The Auditor's assessment	ITS shares information with the State
	of information security practices shall include an assessment	Auditor about compliance with
	of network vulnerability. The Auditor may conduct network	security standards.
	penetration or any similar procedure as the Auditor may	
	deem necessary. The Auditor may enter into a contract with	The OSA provides the State CIO
	a State agency under G.S. 147-33.111(c) for an assessment	with detailed reports of security
	of network vulnerability, including network penetration or	issues identified.
	any similar procedure. Any contract with the Auditor for the	
	assessment and testing shall be on a cost-reimbursement	The State CIO may use results of
	basis. The Auditor may investigate reported information	vulnerability assessments to evaluate
	technology security breaches, cyber attacks, and cyber fraud	security standards effectiveness and
	in State government. The Auditor shall issue public reports	compliance.
	on the general results of the reviews undertaken pursuant to	
	this subdivision but may provide agencies with detailed	The OSA audits for agency
	reports of the security issues identified pursuant to this	compliance with security standards
	subdivision which shall not be disclosed as provided in G.S.	and practices.
	132-6.1(c). The Auditor shall provide the State Chief	
	Information Officer with detailed reports of the security	A memorandum of understanding
	issues identified pursuant to this subdivision. For the	exists between ITS, OSA, SBI and
	purposes of this subdivision only, the Auditor is exempt from	the Attorney General's Office setting
	the provisions of Article 3 of Chapter 143 of the General	standard practice for security
	Statutes in retaining contractors.	incidents on the state's network.